



## M E R L I A TECHNICAL INFORMATION

SOLVENT BASE

### PA SERIES (HIGH GLOSS ANTI-BLOCKING PRINTING INK for PVC)

**Characteristics:** colorful, high gloss, High flexibility, excellent abrasion and tackiness resistances.

**Application Industries:** Footwear, Handbag, Toy industries.

**Applicable Materials:** soft and rigid PVC products

**Physical Features:**

Sieving capability: 40-100 T

Tack-free time: natural volatilization 5-10 mins

Hard drying time: natural volatilization 4-6 hrs

Thinner: S-23, S-38, S-43A

Cleaner: S-186

Antifoaming agent: specific antifoaming agent used for PVC printing ink

**Color matching system:** Only prepared with PA series, and should not be used with other types of inks.

**Applications:**

- 1) Stir well before use, and seal tightly immediately after use;
- 2) Add 10-20% thinner according to need;
- 3) For some special PVC products without sufficient adhesion, add 0.5-1% PVC interfacial agent to improve its adhesion (need pre-test to determine);
- 4) In cover print, the next color must be printed after tack free;
- 5) Apply S-240 or S-317 to wipe printing errors made in a small area and reprinting. Do not use for printing errors made in a large area.
- 6) Screen cleaner can be used for screen filling up, and start printing after volatilization of solvent.

**Notice:**

- 1) Due to PVC applicability may vary from different materials, apply sufficient test before bulk printing;
- 2) Long time storage or low ambient temperature may cause ink slight gelling. Stir well before continue to use;
- 3) Do not use with other kinds of inks;
- 4) Apply PA insulating ink when using high-frequency;
- 5) After thorough dry of ink film, pile up printed products without stress;
- 6) We do not recommend using this series as lapping.

**Hazardous Substance:** Class 3 Flammable Liquid.

**Safety Protections:**

- 1) In case of contact with your skin and eyes, please wear gloves and safety glasses. If ink splashed onto your skin, or into your eyes, rinse immediately with plenty of water, or seek medical advice.
- 2) Store in a full sealed container in cool dry places away from sources of ignition heat or direct sunlight.
- 3) We highly recommend any process or formulation should be based on MSDS.

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